

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOR-1147SERIAL NO.
10/699,627INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Babiarz et al.FILING DATE
October 31, 2003

GROUP 3754

(37 CFR 1.98(b))

Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BN/	A.A	4	8	7	2	4	1	7	10/1989	Kuwabara et al.			
/BN/	A.B	4	9	5	1	6	0	0	08/1990	Soshi et al.			
/BN/	A.C	4	9	6	7	9	3	3	11/1990	Maiorca et al.			
/BN/	A.D	5	0	5	2	3	3	8	10/1991	Maiorca et al.			
/BN/	A.E	5	1	4	1	1	6	5	08/1992	Sharpless et al.			
/BN/	A.F	5	3	7	7	9	1	3	01/1995	Van Der Woude			
/BN/	A.G	5	5	0	5	7	7	7	04/1996	Ciardella et al.			
/BN/	A.H	5	7	1	1	9	8	9	01/1998	Ciardella et al.			
/BN/	A.I	5	7	9	5	3	9	0	08/1998	Cavallaro			
/BN/	A.J	5	8	1	9	9	8	3	10/1998	White et al.			
/BN/	A.K	5	8	3	7	8	9	2	11/1998	Cavallaro et al.			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L						
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

/BN/	A.R	Prentice et al., U.S. Pub. No. US 2003/0091727 A1, May 15, 2003
/BN/	A.S	Precision Valve & Automation, <u>Valves, Controllers, Tanks & Accessories, Manual Fluid Dispensing Systems</u> , Product Brochure, No Date
/BN/	A.T	Asymtek®, a Nordson Company, <u>AXIOM™ X-1020 Series, System Specifications</u> , Published July, 2003

EXAMINER

/Briget Ngampa/ (04/26/2007)

DATE CONSIDERED

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/BN/	B.A	5	9	0	6	6	8	2	05/1999	Bouras et al.				
/BN/	B.B	6	1	2	3	2	6	8	09/2000	Chastine				
/BN/	B.C	6	1	3	2	8	0	9	10/2000	Hynes et al.				
/BN/	B.D	6	1	7	3	8	6	4	01/2001	Reighard et al.				
/BN/	B.E	6	4	4	7	8	4	7	09/2002	Hynes et al.				
	B.F													
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	B.R	Alan Lewis, Alec J. Babiarz, <u>Automatic Dispensing Process for Under Filling Flip Chip on Board</u> , No date
/BN/	B.S	Asymtek, <u>Jetting Underfill Achieves Record Quality and Speed</u> , Website Printout, October 14, 2003
/BN/	B.T	Steven J. Adamson, <u>Review of CSP and Flip Chip Underfill Processes and When to Use the Right Dispensing Tools for Efficient Manufacturing</u> , GlobalTRONICS Technoogy Conference 2002, Singapore

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	C.A						
	C.B						
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	C.P						
	C.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	C.R	Alan Lewis, Christian Q. Ness, Brian Verilli, <u>Controlling Fillet Size in Underfill Process</u> , February 1999
/BN/	C.S	Remy Lim, Allen Duck, <u>Controlling Process Parameters for Flip-Chip Underfill</u> , Electronics Engineer, July 2000
/BN/	C.T	Alan Lewis, Alec Babiarz, Christian Q. Ness, EC Ng, <u>Best Practices in Automated Underfill Dispensing</u> , August 1998

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EXAMINER INITIAL	PATENT NUMBER	5	3	2	0	2	5	0	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BN/	A.A	5	3	2	0	2	5	0	06/1994	La et al.			
/BN/	A.B	5	4	6	5	8	7	9	11/1995	La et al.			
/BN/	A.C	5	7	4	7	1	0	2	05/1998	Smith et al.			
/BN/	A.D	6	0	6	8	2	0	2	05/2000	Hynes et al.			
/BN/	A.E	6	2	5	3	9	5	7	07/2001	Messerly et al.			
/BN/	A.F	6	2	6	7	2	6	6	07/2001	Smith et al.			
/BN/	A.G	6	5	4	1	3	0	4	04/2003	Bouras et al.			
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	A.J												
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A.M							
A.N							
A.O							
A.P							
A.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
/BN/	A.R Precision Valve & Automation, <u>Flexibility in Conformal Coating for Small to Medium Size Users</u> , Website printout, 1999
/BN/	A.S Prentice et al., <u>Patent Application Publication No. US 2003/0084845 A1</u> , May 8, 2003
	A.T

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